



Bruhat Bangalore Mahanagara Palike Dasarahalli Zone

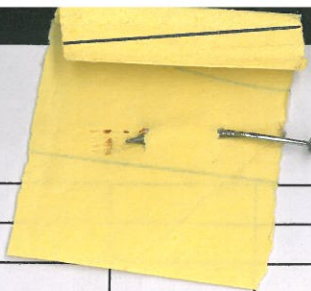
Nature of Work : Detailed Estimated for Asphaltting of Road from WIMAX junction to Abbigere in shettyhalli & Mallasandra, in Shettyhalli Sub Division, Ward No.12

Est. Cost Rs 50.00 Lakhs

Sl.No.	Description of Items	Unit	No.	L.	B.	D	Qty.	Rate	Amount
1	~~KSRRB - 2300-1~~		3	4	5	6	7	8	9
1	~~KSRRB 2-1-2: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2012-13~~								
	Total Length of road for Asphalt	~~11353.50x~~	1	~~680.00~~		0.15	~~102.00~~		
	For Widening Portion		2	810.00	1.00	0.30	486.00	~~58.32~~	~~33986.00~~
							~~588.00~~	~~112.32~~	~~66044.00~~
	Basic Rate	104.00					~~582.75~~		
	Area Weightage 8%	8.32							
		112.32							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications. MORTH Specification No. 406 Page No. 167/ Item No. 20.18/ PWD SR 2012-13								
			1	~~680.00~~		0.20	~~136.00~~		
	For Widening Portion		2	810.00	1.00	0.20	324.00		~~479944.00~~
							~~460.00~~	1059.48	~~487361.00~~
	Basic Rate	981.00					~~453.00~~		
	Area Weightage 8%	78.48							
		1,059.48							
3	KSRRB 500-11 : Providing and laying bituminous macadam on prepared surface with cushioned coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1 km including cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 with 80/100 grade bitumen (Page No.173, Item No. 21.11.1) PWD SR 2012-13								
		Cum	2	810.00	1.00	0.05	81.00		



						81.00	6106.32	494612.00
	Basic Rate	5654.00						
	Area Weightage 8%	452.32						
		6106.32						
4	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 172/ Item No. 21.2/ PWD SR 2012-13							
	Lakshmipura Main Road @ Sqm							
	Abbigere	1	810.00	(7.0+7.2)/2		5751.00		
	Cross Road Kimee	1	240.00	(5.0+5.2)/2		1224.00		
	Junction	1	630.00	(7.0+6.9)/2		4378.50		
						11353.50	2.38	26976.00
	Basic Rate	2.20						
	Area Weightage 8%	0.18						
		2.38						
5	KSRRB 500-10 : Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications using bitumen emulsion. MORTH Specification No.503 (Page No.173, Item No. 21.10.1)							
	Lakshmipura Main Road @ Sqm							
	Abbigere	1	810.00	(7.0+7.2)/2		5751.00		
		1	240.00	(5.0+5.2)/2		1224.00		
		1	630.00	(7.0+6.9)/2		4378.50		
						11353.50	10.80	122618.00
	Basic Rate	10.00						
	Area Weightage 8%	0.80						
		10.80						
6	KSRRB M500-19 : Providing and laying bituminous concrete with 100-120 TPH batch type HOT mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects as per specifications. 30-45mm compacted thickness (Grading II) with 6% Bitumen 80/100 grade using 40-60 HMP. MORTH Specification No.509 (Page No.176, Item No. 21.22.3) PWD SR 2012-13							
	Lakshmipura Main Road @ Cum							
	Abbigere	1	810.00	(7.0+7.2)/2	0.04	230.04		
		1	240.00	(5.0+5.2)/2	0.04	48.96		
		1	630.00	(7.0+6.9)/2	0.04	175.14		



82/12 B ದಿನಾಂಕ: 4/03/2013
 50.00 ಲಕ್ಷಗಳು (ರೂ. 50.00)
 ಉಳಿತಾಯ ಮೊತ್ತ
 ಅಂದಾಜು ಪಕ್ಕಾಡು ಮಂಜೂರು ನೀಡಿದೆ.

ಶುರುತ್ತಿರುವ ಬಿಡುಗಡೆ
 0.025 109.46
 Total: 370.10 cum 11581.36
 100.77 cum

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						358.71	454.14	10504.08	4770323.00
	Basic Rate	9726.00					~~128.73~~		~~1352190.00~~
	Area Weightage 8%	778.08							~~3768548.00~~
		10504.08							
7	KSRRB 400-1.3: Carriage of mixed materials 10 kms for items of Sl.No.19.1 to 19.6 and 19.8 to 19.16 (Page No.183)								
	Qty.vide item No. 3	Cum					454.14		
							454.14	56.70	25750.00
	Basic Rate	52.50							
	Area Weightage 8%	4.20							
		56.70							
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)								
	Qty Vide Item No=1						~~588.00~~	94.82	~~47505.00~~
	Qty Limited to					limited	~~501.00~~	100.35	~~54291.00~~
	Basic Rate	~~25.60~~	20.48						~~4999935.00~~
	Loading and Unloading Charges	67.32							
		~~92.92~~	87.80						
	Area Weightage @ 8%	~~7.43~~	7.02						
	Total	100.35	94.82						61.00
9	Miscellaneous and other unforeseen charges								42.00
								Total	5000000.00

(Rupees Fifty Lakhs Only)

CERTIFICATE

- 1 The work sport has been inspected and the work found to be necessary
- 2 This estimate is prepared as per the PWD S.R of 2012-13
- 3 The provisions made in estimate are adequate and essential
- 4 This area comes under BBMP limits

Asst. Engineer

Ward No-12

Project Engineer (PE-A)
KRIDL, Dasarahalli Zone, Bangalore

Asst. Executive Engineer

Shettyhalli Sub-Division

BBMP

Executive Engineer

Dasarahalli Zone

BBMP

50. JC(DH) AS 730/12-13 Date: 28/01/13

50.00 lakhs (Rupee Fifty Lakhs only)

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SL. No. 730

28/01/13

28/01/13

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